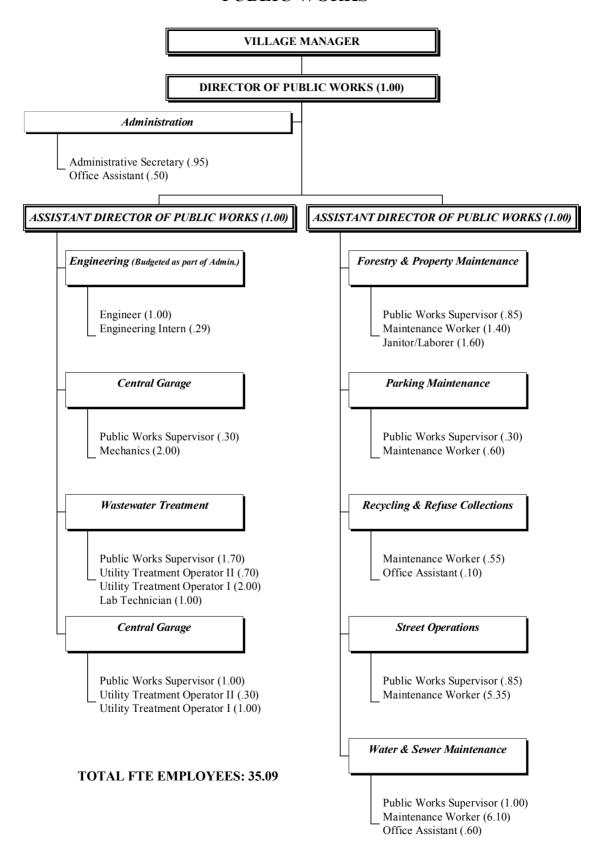
ORGANIZATIONAL AND PERSONNEL CHART PUBLIC WORKS



PUBLIC WORKS

Mission of Department

The mission of the Public Works Department is to enhance community order, health, safety, and aesthetics through proper administration and good management of the review, design, construction, and maintenance of the Village's infrastructure. The Department is committed to the improvement and enhancement of the environment through the use of storm water management techniques that promote water quality, through a continued commitment to an active forestry program, and through the establishment of solid waste programs that promote environmentally sensitive alternatives such as recycling and composting.

Strategic Objectives

- Maintain high quality streets, sidewalks, and public right-of-ways. Ensure public access to the streets through the implementation of effective snow and ice removal and street cleaning programs.
- > Provide Village residents with excellent water and sewer services.
- > Maintain all trees and plants in public areas so that Village residents may enjoy a high quality environment.
- > Maintain Village owned property and equipment.
- > Implement and maintain effective maintenance and capital replacement programs to ensure the integrity of the Village's infrastructure
- Establish and maintain an effective vehicle maintenance program promoting the safety and reliability of the equipment and maximizing service life and salvage value.

General Information and Services Provided

The Village's Public Works Department is responsible for maintaining a safe and reliable infrastructure and providing quality services to Village residents and businesses. Public Works differs from other departments in that services provided include several enterprise activities. Each enterprise activity has its own accounting fund and from an accounting standpoint, operate in a similar fashion to a private sector entity. The Department is funded through combination of general governmental, enterprise, and internal service funds.

The Public Works Department is responsible for providing a wide variety of services to the residents of the Village. These services typically involve maintenance of public property and infrastructure such as streets, public right-of-ways, sidewalks, street lighting, parking lots, trees, plants, water and sewer systems, and

Service Statistics								
Number of Miles of Village	FY 2000 – 2,080							
Streets Swept	FY 2001 – 1,880							
Number of Miles of Village	FY 2000 – 15,038							
Streets Cleared of Snow and Ice	FY 2001 – 6,392							
Number of Water Main Breaks	FY 2000 – 42							
Repaired	FY 2001 – 36							
Line Feet of Sanitary Sewer	FY 2000 – 8,500							
Cleaned	FY 2001 – 10,600							
Annual Total Number of	FY 2000 – 574,262,000							
Gallons of Water Produced	FY 2001 – 552,096,000							
Annual Total Number of	FY 2000 – 809,670,000							
Gallons of Wastewater Treated	FY 2001 – 825,190,000							
Annual Number of Trees on	FY 2000 – 822							
Public Property Trimmed	FY 2001 – 1,014							

Village owned property and equipment. To accomplish these varying responsibilities, the following ten Divisions within the Public Works Department have been established:

- Administration
- Street Operations
- Forestry
- Property Maintenance
- Water and Sewer Maintenance
- Water Production
- Wastewater Treatment
- Recycling and Refuse
- Parking Maintenance
- Central Garage

The Administration Division is responsible for overseeing and providing administrative support services to all operating Divisions within the Department. Staff engineering services is also provided through this Division. The Streets Division is responsible for maintenance of Village roads, sidewalks and public rights-of-way. Specific services provided include minor maintenance of the roadway, sidewalks, curbs and gutters, street sweeping, marking/delineation of pavement, snow and ice removal, maintenance of drainage facilities, maintenance of street lights and traffic control devices, and maintenance of all street signage. The Forestry Division is responsible for the planting and maintaining of all trees within public rights-of-way. This Division is also responsible for the maintenance of all streetscape plantings including flower baskets located within the Village Center. The Property Maintenance Division is responsible for cost effective and efficient maintenance and repair of all buildings, grounds, and appurtenant structures owned or leased by the Village. Specific responsibilities of this Division include the providing of janitorial services and the coordinating of all carpentry, electric, plumbing, and painting repairs. All building and grounds related contractual maintenance services are administered through this Division.

Water and Sewer Maintenance is responsible for the repair and maintenance of all water and sewer mains and related facilities including fire hydrants. This Division is also responsible for the installation, maintenance and reading of water meters. Water Production is responsible for the operation, maintenance and repair of the production and storage elements of the water system including the Village's four shallow groundwater wells, pumping and booster stations, ground storage reservoirs, elevated storage tanks, and an iron filtration facility. This Division is also responsible for all testing of the water supply. Wastewater Treatment is responsible for the operation and maintenance of the treatment facility and sewage lift stations. This Division is also responsible for the coordination of the sludge management program and for conducting all required tests on the effluent that is discharged from the plant.

The Recycling and Refuse Division is responsible for the coordination of the collection and disposal of residential waste. Responsibility for educating the public on and promoting the expansion of the recycling program rests with this Division. Brush pick-up and chipping services are also provided through this Division. The Parking Maintenance Division is responsible for maintaining Village owned parking lots. Specific services provided include minor maintenance of the lots, markings/delineation of pavement, coordination of snow and ice removal contracts, and maintenance of streetlights and signage. The Central Garage is responsible for the acquisition, maintenance, repair and disposal of all Village vehicles and rolling stock. This Division also manages the Village's fuel distribution facility.

Significant Accomplishments in 2001 and 2002

• Successfully completed the street maintenance reconstruction and maintenance program in 2001 and 2002.

- Successfully designed, planned and installed landscaping along US Route 14 from Cumnor to Route 59, with the assistance of the Garden Club and numerous volunteers.
- Completed the design, installation and maintenance of the vegetative portions of the Streetscape project on East Main Street. The Village has received numerous compliments on these efforts.
- Effectively utilized "Gator Bags" as an alternative to keep vegetation (trees and shrubs) alive and growing through extremely dry conditions.
- Successfully completed the construction of the Iron Removal Facility (This facility will remove over 90% of the iron produced from two of the Village's shallow wells). The facility began operations in November of 2001.
- A new Supervisory Control and Data Acquisition (SCADA) system was installed to monitor and control the pumping of the Village's water supply and sewage lift stations.
- The Department had no NPDES effluent monitoring violations in 2001 and three in June 2002 due to a filamentous bacterial growth (this condition would not have occurred if the improvement to the wastewater treatment plant had been completed).
- Excavated and repaired 46 mainline water leaks throughout the water system.
- Replaced 74 Lead Water Services with copper piping in conjunction with the 2001 Street Maintenance Program.

Departmental Objectives for 2003 and 2004

In pursuing its overall strategic objectives, the Public Works Department has established the following objectives for 2003 and 2004:

- Continue to effectively maintain all vegetation installed on Route 14 and within the Village Center in conjunction with the streetscape program (including planters, trees, and hanging baskets).
- Establish an enhanced 911 system within all public facilities.
- Continue to address stream bank stabilization efforts along Flint Creek in the Fox Point subdivision through a grant provide by IEPA.
- Continue program to annually clean the entire sanitary sewer collection system of approximately 20,000 linear feet of sewer line.
- Replace 1,600 linear feet of Water Main Line that is deteriorating.
- Remain within State and Federal parameters for the discharge of effluent; continue to comply with effluent monitoring.
- Strive to meet lead and copper requirements of the IEPA by making chemical adjustments as needed to bring lead and copper levels into compliance with standards.
- In 2003, complete the renovation of the Wastewater Treatment facility and successfully install all associated upgrades.
- Provide for upgrades and additions to sidewalk infrastructure in the Village near schools and high traffic areas

Departmental Staffing Analysis

Adjustments to the staffing level in the Public Works Department are proposed effective 2003 in order to address the additional workload associated with the maintenance of Village property and the watering and maintenance of plant material in the Central Business District and along Route 14. The additional staff include 1 full-time or 2 part-time Maintenance Worker(s) and/or Janitors and two part-time (40 hours/week;

6 months/yr) positions. These new employees have been allocated to the Forestry, Property Maintenance, and Parking Divisions of Public Works. These additions are offset by the elimination of one part-time Janitor position.

The Public Works Department 2003 staffing level is 35.09 FTE employees, including 32 full-time and 3.09 part-time employees. The Director and two Assistant Directors of Public Works provide managerial oversight of all Divisions within the Department. Daily management of the Divisions is provided by one of the Village's five Public Works Supervisors (including the Forester/Property Maintenance and the Fleet Services Supervisors) or, in the case of the Water Production and Wastewater Treatment Divisions, by the Utility Operations Superintendent.

Full-Time Equivalent	Public W	0	Years 2003 & :	2004	
-	. , .	,	2002-2003		2003-2004
FTE Employees	<u>2002</u>	<u>2003</u>	<u>Change</u>	<u>2004</u>	<u>Change</u>
Director of Public Works	1.00	1.00	0.00	1.00	0.00
Assistant Director of Public Works	2.00	2.00	0.00	2.00	0.00
Engineer	1.00	1.00	0.00	1.00	0.00
Utility Operations Superintendant	1.00	1.00	0.00	1.00	0.00
Public Works Supervisor	3.00	3.00	0.00	3.00	0.00
Forester/Property Maint Supervisor	1.00	1.00	0.00	1.00	0.00
Fleets Services Supervisor	1.00	1.00	0.00	1.00	0.00
Lab Technician	1.00	1.00	0.00	1.00	0.00
Mechanic	2.00	2.00	0.00	2.00	0.00
Utility Treatment Operator II	1.00	1.00	0.00	1.00	0.00
Utility Treatment Operator I	3.00	3.00	0.00	3.00	0.00
Maintenance Worker	13.00	14.00	1.00	14.00	0.00
Administrative Secretary	1.00	1.00	0.00	1.00	0.00
Office Assistant	1.20	1.20	0.00	1.20	0.00
Engineering Intern	0.29	0.29	0.00	0.29	0.00
Janitor/Laborer	1.20	1.60	0.40	1.60	0.00
Total FTE Employees	33.69	35.09	1.40	35.09	0.00
	Employees by	y Division			
Division					
Administration	5.21	5.59	0.38	5.59	0.00
Street Operations	7.05	6.20	(0.85)	6.20	0.00
Forestry	1.25	2.15	0.90	2.15	0.00
Property Maintenance	1.52	1.70	0.18	1.70	0.00
Water & Sewer Maintenance	7.70	7.70	0.00	7.70	0.00
Water Production	1.60	1.60	0.00	1.60	0.00
Wastewater Treatment	5.40	5.40	0.00	5.40	0.00
Recycling & Refuse Collections	0.63	0.80	0.17	0.80	0.00
Parking Maintenance	0.00	0.90	0.90	0.90	0.00
Central Garage	3.33	3.05	(0.28)	3.05	0.00
Totals	33.69	35.09	1.40	35.09	0.00

A number of adjustments in the allocation of personnel costs have been initiated effective 2003. These changes are based on the reevaluation of the time spent on activities related to specific Divisions. Specific Divisions impacted are Administration, Street Operations, Recycling and Refuse, and Parking Maintenance.

Budget Analysis

In 2003, the budget for Public Works is projected to increase by \$1,052,369 (18.16%), from \$5,796,459 in 2002 to a total of \$6,848,828 in 2003. The increase in the 2003 Public Works budget is due to increases in Personnel Services (\$291,098 or 13.85%), Operating Expenditures (\$109,706 or 4.43%), and Other Expenditures (\$651,565 or 53.59%). A significant portion of this increase is a result of the establishment of the Parking Maintenance Division (which increase the Public Works Budget by \$195,828), previously all of the costs associated with Parking Maintenance were reflected in the Parking Division of the Police Department.

		Public Works	Department			
	Summary	of Expenditur		Sources		
Budgeted Expenditures	FY 2000 Actual	FY 2001 Actual	FY 2002 Budget	FY 2002 Projected	FY 2003 Budget	FY 2004 Budget
Personnel Services						
Salaries	\$1,617,977	\$1,590,037	\$1,685,204	\$1,670,578	\$1,910,382	\$2,003,877
Fringe Benefits	\$345,511	\$353,476	\$417,500	\$419,500	\$483,421	\$528,506
Total Personnel Services	1,963,488	1,943,513	2,102,704	2,090,078	2,393,802	2,532,383
Operating Expenditures						
Professional Development	14,942	16,402	25,065	23,515	24,315	24,425
Contractual Services	1,472,011	1,549,369	1,782,514	1,651,484	1,866,950	1,923,575
Commodities	391,394	402,473	608,217	453,845	507,423	504,273
Program Expenditures	0	0	62,100	51,849	188,914	214,214
Total Operating Expenditures	1,878,347	1,968,244	2,477,896	2,180,693	2,587,602	2,666,487
Other Expenditures						
Equipment Purchases	273,112	329,351	365,450	344,900	952,668	313,950
Interfund Charges	783,395	773,910	850,409	850,409	914,756	874,538
Total Other Expenditures	1,056,507	1,103,261	1,215,859	1,195,309	1,867,424	1,188,488
Total Expenditures	<u>\$4,898,342</u>	\$5,015,018	<u>\$5,796,459</u>	<u>\$5,466,080</u>	<u>\$6,848,828</u>	<u>\$6,387,358</u>
% Change/Previous Year		2.38%			18.16%	-6.74%
Funding Sources						
General Fund Revenue						
Property Taxes						
Fringe Benefits	\$0	\$0	\$0	\$0	\$53,323	\$50,278
SSA Snow Removal	0	0	0	0	19,250	19,250
SSA Chippendale Road & Bridge	0	0	0	0	35,250 20,000	35,250 20,000
Intergovernmental	0	0	0	0	250,000	250,000
Charges for Services	0	0	0	0	6,500	6,500
General Revenues	1,350,886	1,416,299	1,589,165	1,581,984	1,411,801	1,434,908
Total General Fund Revenue	1,350,886	1,416,299	1,589,165	1,581,984	1,796,124	1,816,186
Water and Sewer Revenue	2,143,421	2,150,460	2,614,974	2,339,362	2,734,038	2,848,340
Recycling & Refuse Revenue	777,067	771,162	806,164	788,914	785,159	805,576
Parking System Revenue	0	0	0	0	195,828	199,533
Central Garage Revenue	626,968	677,097	786,156	755,820	1,337,679	717,724
Total Funding Sources	\$4,898,342	\$5,015,018	\$5,796,459	\$5,466,080	\$6,848,828	\$6,387,358

Personnel Services increases due to increases in Salaries (\$225,178) and Fringe Benefits (\$65,921). The increase in Salaries is attributable to the additional positions provided for in the 2003 budget to address significant increases in maintenance responsibilities caused by the streetscape project and the train station

(the renovated station will have more square footage available to the public and will also include public restrooms and as such will require daily maintenance – resulting in an increase in both the number of days and hours per day allocated to this facility; additional responsibility for maintenance of outside areas have also been assumed by the Village). The increase also encompasses economic adjustments in the compensation of employees and increases in Fringe Benefit costs due to the additional staff and increases in health insurance costs. Additionally, the increase in Personnel Services is a result of the establishment of the Parking Maintenance Division; the personnel costs of this function are now reflected in the Public Works Department Budget.

Significant Budget Impacts

Changes from Previous Budgets

- The hiring of new personnel in 2003 to offset the additional workload caused by the Streetscape Project and the assumption of additional maintenance duties at the train station.
- An additional \$25,000 in both years for the new tree maintenance contract, increasing the cost of this contract from \$60,000 in 2002 to \$85,000 in 2003 and 2004.
- An additional \$20,000 in both years for the tree replacement program, increasing total cost for this program from \$20,000 in 2002 to \$40,000 in both 2003 and 2004.
- An additional \$16,500 in both years for the hanging basket program in the Village Center.
- An additional \$10,000 in 2003 for the enhanced 911 system in Village facilities.

Significant Expenditures

- \$49,600 in both years for electricity for street lighting.
- \$50,300 in both years for rock salt for snow and ice removal on Village streets.
- Vehicle Maintenance and Depreciation costs of \$173,177 in 2003 and \$161,713 in 2004.
- Maintenance of equipment at Village facilities at a cost of \$49,100 in both years.
- \$32,000 in 2003 and \$34,000 in 2004 for janitorial services at Village Hall.
- \$131,760 in 2003 and \$156,010 in 2004 for the continued implementation of the Star Meter Read Program.
- \$237,000 in both years for electricity for water pumps and sewer lift stations.
- Contractual services for recycling and refuse collections of \$512,900 in 2003 and \$524,400 in 2004.

Operating Expenditures increase due to the establishment of the Parking Maintenance Division All of the contractual costs for maintaining Village owned parking lots are now reflected in the Public Works Budget. Another significant change in the Public Works Budget is the Star Water Meter Radio Read Program. The Village has moved the budget for these expenditures to the Program Expenditures area and this accounts for the large increase in Program Expenditures. This program will add approximately \$131,000 and \$156,000 to Program Expenditures in 2003 and 2004, respectively. However, these costs will no longer be reflected in Contractual Services and Commodities.

Other Expenditures increase significantly as a result of a large increase in Equipment Purchases (\$587,218 or 160.68%) and an increase in Interfund Charges of \$64,347 (7.57%). increase in Equipment Purchases is unique to 2003 and is a direct result of the significant depreciation purchases proposed in the Central Garage Division. These include, among other purchases, a new Fire Engine/Pumper for \$340,000, a new Ambulance for \$118,000, a Street Sweeper for \$130,000 and a 5-ton Dump Truck for \$83,000. The increase in Interfund Charges results from an increase in depreciation charges from the Information Services and Central Garage Funds. This increase is also caused by an increase in administrative charges for those Divisions in Public Works that are part of the Water and Sewer, Recycling and Refuse, and Central Garage Funds. These funds are charged for a portion of the cost of the General Government Departments (Village Board, Village Manger, and Administrative Services) in order to reimburse the General Fund for services provided.

In 2004, the Public Works Department Budget is projected to decrease by \$461,470 (6.74%) to a total of \$6,387,358. This decrease is attributable to a decrease in Other Expenditures of \$678,936 (36.36%). This decrease is offset by increases in Personnel Services (\$138,581 or 5.79%) and Operating Expenditures (\$78,885 or 3.04%). The decrease in Other Expenditures is a result of decreases in Equipment Purchases (\$638,718) and Interfund Charges (\$40,218). The decrease in Equipment Purchases is caused by the one-time purchases of expensive vehicles in 2003; these purchases will not be repeated in 2004.

Personnel Services increases due to economic adjustments in employee compensation (reflected in the \$93,495 increase in Salaries) and increases in Fringe Benefit costs of \$45,085 (largely a result of a 10 – 15% projected increase in health insurance costs). Operating Expenditures increase due to increases in Contractual Services (\$56,625 or 3.03%) and Program Expenditures (\$25,300 or 13.14%). The increase in Program Expenditures is attributable to an increase in expenditures for the Star Water Meter Radio Read Program. One reason for the increase in Contractual Services is the increase in the Water and Sewer Maintenance budget due to the inclusion of a Water Leak Detection Survey in 2004 (this adds \$14,000 to this budget). Also the Wastewater Treatment budget includes additional contractual expenditures related to the rehabilitate and upgrade of several water pumps at lift stations throughout the Village.

Funding Sources

The Funding Sources for the Public Works Department encompass many of the accounting funds of the Village including the General Fund, all three Enterprise Funds, and the Central Garage Fund (an Internal Service Fund).

Water and Sewer Fund revenue comprises the largest portion (\$2,734,038 or 39.94% in 2003 and \$2,848,340 or 44.60% in 2004) of the total funding sources for Public Works. The Water and Sewer Fund supports part of the Administration Division as well as the Water and Sewer Maintenance Division, the Water Production Division, and the Wastewater Treatment Division. The second largest funding source for Public Works is the General Fund followed by the Recycling and Refuse Fund, the Central Garage Fund, and the Motor Vehicle Parking Fund.

Expenditures by Division

The distribution of Public Works expenditures differs in 2003 and 2004. This difference is due to the large expenditures for vehicles by the Central Garage Fund in 2003. In 2003, Central Garage accounts for the

Public Work Department Expenditures by Division									
	Fiscal Ye	ear 2003	Fiscal Ye	ear 2004					
<u>Division</u>	Budgeted Expenditures	% of Total Expenditures	Budgeted Expenditures	% of Total Expenditures					
Administration	\$891,103	13.01%	\$919,652	14.40%					
Street Operations	981,869	14.34%	985,551	15.43%					
Forestry	355,734	5.19%	376,278	5.89%					
Property Maintenance	260,134	3.80%	245,195	3.84%					
Water & Sewer Maint	962,128	14.05%	1,017,334	15.93%					
Water Production	278,130	4.06%	261,702	4.10%					
Wastewater Treatment	801,063	11.70%	858,813	13.45%					
Recycling & Refuse Coll	785,159	11.46%	805,576	12.61%					
Parking Maintenance	195,828	2.86%	199,533	3.12%					
Central Garage	1,337,679	19.53%	717,724	11.24%					
Total Budget	\$6,848,828	100.00%	\$6,387,358	100.00%					

largest portion of expenditures with 19.53% of expenditures. Following Central Garage is Street Operations (14.34%), Water & Sewer Maintenance (14.05%), and Administration (13.01%). In 2004, the largest portion of expenditures is in Water & Sewer Maintenance (15.91%), followed by Street Operations (15.43%), Administration (14.40%), and Wastewater Treatment (13.45%).

Equipment Purchases

The majority of Equipment Purchases in 2003 and 2004 occur in the Central Garage Division (which is a part of the Central Garage Fund). Central Garage is responsible for purchasing vehicles and their related equipment for all Departments in the Village and therefore tends to make more purchases (both in terms of number of items and in amounts) than the average budgetary unit of the Village.

In 2003, the Street Operations, Water & Sewer Maintenance, and Wastewater Treatment Divisions will purchase Minitor Pagers, radios, and a trash pump. The rest of the equipment purchases in 2003 will be made by the Central Garage Division. Central Garage will purchase three items that cost over \$100,000 per unit including a Fire Engine/Pumper for \$340,000, a Street Sweeper for \$130,000, and an Ambulance for \$118,000. Additional vehicular purchases include a 5-ton dump truck for \$83,000, two pick-up trucks (one for \$31,000 and one for \$30,000), four Police squad cars for approximately \$25,000 a piece, a Skidsteer for \$28,000, and a vehicle for the Police Chief. Central Garage will also make equipment purchases including a Trailer Pump (\$15,000), a Concrete Breaker (\$11,500), a tire spin balancer (\$4,500), a sprayer (\$3,188), and various other pieces of equipment.

Public Works Department Equipment Purchases in 2003									
2003 Purchases									
Division	Description	Amount	Type of Purchase						
Street Operations	(6) Minitor Pagers	1,975	Depreciated						
	Portable Radio	750	Depreciated						
Water & Sewer Maint.	(6) Minitor Pagers	1,975	Depreciated						
Wastewater Treatment	6" Portable Trash Pump	8,500	Depreciated						
Central Garage	Fire Engine #3610	340,000	Depreciated						
	Street Sweeper #360	130,000	Depreciated						
	Ambulance # A-2	118,000	Depreciated						
	(4) Police Squad Cars	100,000	Depreciated						
	5-ton Dump Truck #300	83,000	Depreciated						
	Pickup Truck #326	31,000	Depreciated						
	Pickup Truck #315	30,000	Depreciated						
	Skidsteer #369	28,000	Depreciated						
	Police Chief Vehicle	23,000	Depreciated						
	4" Trailer Pump #365	15,000	Depreciated						
	Concrete Breaker #369A	11,500	Depreciated						
	Car/Truck Tire Spin Balancer	4,500	Depreciated						
	Sprayer #E410	3,188	Depreciated						
	2" Pump	600	Depreciated						
	(10) Two way radios	7,800	Depreciated						
	Police Detective Squad Car	500	Depreciated						
	(2) Trimmers	780	Depreciated						
	Total 2003 Purchases:	940,068							

In 2004 Central Garage is the only Division that will purchase equipment. Vehicular purchases in 2004 will include four Police squad cars for \$25,500 a piece, an aerial truck for \$82,000, and a Fire Command vehicle for \$42,000. Equipment purchases will include an air compressor (\$14,500), two traffic arrowboards (\$14,000), a portable roller (\$5,400), eight two-way radios (\$5,850), and various other pieces of equipment.

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Public Works Department Equipment Purchases in 2004 2004 Purchases									
Division	Description	Amount	Type of Purchase						
Central Garage	(4) Police Squad Cars	102,000	Depreciated						
Central Garage		,							
	Aerial Truck	82,000	Depreciated						
	(1) Fire Command Vehicle	42,000	Depreciated						
	Air Compressor	14,500	Depreciated						
	(2) Traffic Arrowboards	14,000	Depreciated						
	Portable Roller	5,400	Depreciated						
	(8) 2-way Radios	5,850	Depreciated						
	Pickup Truck #323	3,000	Depreciated						
	3" Water Pump	1,300	Depreciated						
	Car #201	500	Depreciated						
	Total 2004 Purchases:	270,550							

PUBLIC WORKS ADMINISTRATION

The Administration Division is responsible for overseeing and providing administrative support services to all operating Divisions within the Department. Staff engineering services is also provided through this Division. Since this Division provides these services to other Divisions of the Department, it is funded through both the General Fund and the Water and Sewer Fund. This Division includes the Director of Public Works who is responsible for the operations of the Department.

- > Supervise Division managers and oversee the operations of the Department.
- > Provide administrative support services to the operating Divisions.
- > Provide quality engineering support services to this and the other operating Divisions of the Department.

	Pul	olic Works, A	dministration					
	Summary of Expenditures and Funding Sources							
	FY 2000	FY 2001	FY 2002	FY 2002	FY 2003	FY 2004		
Budgeted Expenditures	<u>Actual</u>	<u>Actual</u>	<u>Budget</u>	Projected	Budget	<u>Budget</u>		
Personnel Services								
Salaries	\$184,074	\$301,477	\$330,200	\$330,200	\$366,730	\$382,553		
Fringe Benefits	40,072	58,124	72,400	72,400	77,492	84,281		
Total Personnel Services	224,146	359,601	402,600	402,600	444,222	466,834		
Operating Expenditures								
Professional Development	5,709	7,414	9,780	9,780	9,650	9,650		
Contractual Services	59,941	41,462	71,250	71,250	41,330	41,330		
Commodities	2,772	2,307	2,925	2,925	2,925	2,925		
Total Operating Expenditures	68,422	51,183	83,955	83,955	53,905	53,905		
Other Expenditures								
Interfund Charges	288,828	288,205	365,096	365,096	392,976	398,913		
Total Other Expenditures	288,828	288,205	365,096	365,096	392,976	398,913		
Total Expenditures	\$581,396	\$698,989	\$851,651	\$851,651	\$891,103	\$919,652		
% Change/Previous Year		20.23%			4.63%	3.20%		
Funding Sources								
General Fund Revenue								
Property Taxes								
Fringe Benefits	\$0	\$0	\$0	\$0	\$12,530	\$11,528		
General Revenues	0	158,248	169,880	169,880	185,856	197,633		
Total General Fund Revenue	0	158,248	169,880	169,880	198,386	209,161		
Water & Sewer Revenues	581,396	540,741	681,771	681,771	692,716	710,491		
Total Funding Sources	\$581,396	\$698,989	\$851,651	\$851,651	\$891,103	\$919,652		

PUBLIC WORKS STREET OPERATIONS

The Street Division is responsible for the maintenance of all Village roads, sidewalks, and public rights-of-way and all administrative functions related to these maintenance activities. Specific services provided include minor maintenance of the roadway, sidewalks, curbs and gutters, street sweeping, markings/delineation of pavement, snow and ice removal, maintenance of drainage facilities, maintenance of street lights and traffic control devices, and maintenance of all street signage.

- > Perform sign repair and replacement; storm damage removal; snow plowing of streets and parking lots; traffic control for various parades; minor repairs on damaged street parkways, sidewalks, and curbs; street sweeping; striping of all village crosswalks and school crossings; maintain all village parking lots; maintain the school flashing lights; grade gravel alleys; maintain all village owned street lights; pick up dead animals and trash on the road; administer the adopt-a-highway program.
- > Perform storm sewer maintenance and repair or replacement and minor maintenance on Village Facilities.

	Public Works, Street Operations Summary of Expenditures and Funding Sources							
Budgeted Expenditures	FY 2000 Actual*	FY 2001 Actual	FY 2002 Budget	FY 2002 Projected	FY 2003 Budget	FY 2004 Budget		
Personnel Services Salaries Fringe Benefits	\$480,197 98,643	\$303,677 68,561	\$313,200 86,000	\$313,200 86,000	\$333,371 96,612	\$348,761 106,051		
Total Personnel Services	578,840	372,238	399,200	399,200	429,983	454,812		
Operating Expenditures Professional Development Contractual Services Commodities Program Expenditures	2,522 128,806 99,049 0	1,815 140,858 100,895 0	2,700 184,605 100,345 52,100	1,710 184,605 94,845 51,849	2,500 186,405 105,730 42,154	1,810 182,405 105,730 43,204		
Total Operating Expenditures	230,377	243,568	339,750	333,009	336,789	333,149		
Other Expenditures Equipment Purchases Interfund Charges	0 195,673	0 226,388	0 214,157	0 214,157	2,925 212,172	0 197,590		
Total Other Expenditures	195,673	226,388	214,157	214,157	215,097	197,590		
Total Expenditures	\$1,004,890	\$842,194	\$953,107	\$946,366	\$981,869	\$985,551		
% Change/Previous Year		-16.19%			3.02%	0.38%		
Funding Sources Property Taxes								
Fringe Benefits	\$0	\$0	\$0	\$0	\$29,344	\$27,918		
SSA Snow Removal	0	0	0	0	19,250	19,250		
SSA Chippendale	0	0	0	0	35,250	35,250		
Road & Bridge	0	0	0	0	20,000	20,000		
Intergovernmental	0	0	0	0	250,000	250,000		
Charges for Services	0	0	0	0	6,500	6,500		
General Revenues	1,004,890	842,194	953,107	946,366	621,525	626,633		
Total Funding Sources	\$1,004,890	\$842,194	\$953,107	\$946,366	\$981,869	\$985,551		
* The actual in FY 2000 includes exp	enses for Administr	ration because it ha	d not been separat	ed				

PUBLIC WORKS FORESTRY

The Forestry Division is responsible for the care and maintenance of approximately 7,200 trees located within Village Right-of-ways. This Division also coordinates the planting of replacement trees and the maintenance of all streetscape plantings including flower baskets located within the Village Center. The Division is also responsible for reviewing development projects submitted to or initiated by the Village for their impact on the surrounding public and private vegetation. Staff from this Division also meets with residents to discuss and advise them on plant health for both public and private property trees.

- > Removal of dead, dying or diseased trees and the replacement of those trees; routine trimming, fertilizing, cabling and bracing of significant trees; watering and mulching of newly planted trees; and responding to emergency storm damage including removal, trimming and brush chipping.
- Maintain approximately 60 square acres of turf areas within Right-of-ways including the commuter lots, Village Hall and Public Safety building, and seven passive parks. This work includes trimming, tree removal, tree planting, turf maintenance and other tree care operations and is managed through the use of outside contractors.
- > Perform routine inspections to ensure proper tree and vegetation protection methods are being employed and to monitor the condition of vegetation.

Public Works, Forestry Summary of Expenditures and Funding Sources								
Budgeted Expenditures	FY 2000 Actual	FY 2001 Actual	FY 2002 Budget	FY 2002 Projected	FY 2003 Budget	FY 2004 Budget		
Personnel Services Salaries Fringe Benefits	\$62,923 10,160	\$64,765 10,353	\$73,400 24,700	\$73,400 24,700	\$95,686 23,759	\$99,828 26,132		
Total Personnel Services	73,083	75,118	98,100	98,100	119,444	125,960		
Operating Expenditures Professional Development Contractual Services Commodities Total Operating Expenditures Other Expenditures Interfund Charges Total Other Expenditures Total Expenditures Manage/Previous Year	1,356 142,141 2,971 146,468 2,924 2,924 \$222,475	1,085 165,614 3,086 169,785 6,987 6,987 \$251,890 13,22%	2,350 179,950 6,600 188,900 6,914 6,914 \$293,914	2,240 179,850 6,420 188,510 6,914 6,914 \$293,524	1,490 198,050 28,970 228,510 7,780 7,780 \$355,734 21,03%	2,240 217,550 24,520 244,310 6,008 6,008 \$376,278 5,77%		
Funding Sources		13.2270			21.0370	3.7770		
Property Taxes Fringe Benefits General Revenues	\$0 222,475	\$0 251,890	\$0 293,914	\$0 293,524	\$5,008 350,726	\$4,752 371,526		
Total Funding Sources	\$222,475	\$251,890	\$293,914	\$293,524	\$355,734	\$376,278		

PUBLIC WORKS PROPERTY MAINTENANCE

The Village Property Maintenance Division is responsible for the maintenance and repair of most of the buildings, grounds and appurtenant structures owned or leased by the Village including the Village Hall, the Public Safety Building, the Public Works Facility, and the Train Station. The Division performs small repairs and addresses basic janitorial requirements but contracts for major repairs.

Service Activities

- > Activities include janitorial service, H.V.A.C., electrical and plumbing maintenance and repair. Other activities include roof, interior and exterior wall repair and floor and window maintenance.
- > Maintain the Village's telephone and voice mail system.
- > This division is also responsible for gathering and coordinating information for studies and inspections by I.R.M.A. to ensure compliance with A.D.A regulations.

Public Works, Village Property Maintenance Summary of Expenditures and Funding Sources								
Budgeted Expenditures	FY 2000 Actual	FY 2001 Actual	FY 2002 Budget	FY 2002 Projected	FY 2003 Budget	FY 2004 Budget		
Personnel Services Salaries Fringe Benefits	\$51,558 5,885	\$58,267 6,877	\$51,700 6,200	\$49,700 8,200	\$75,123 26,231	\$78,586 29,107		
Total Personnel Services	57,443	65,144	57,900	57,900	101,354	107,693		
Operating Expenditures Contractual Services Commodities Program Expenditures	54,521 8,633 0	78,713 13,123 0	94,450 13,000 0	94,400 13,000 0	137,000 14,000 0	117,800 14,000 0		
Total Operating Expenditures	63,154	91,836	107,450	107,400	151,000	131,800		
Other Expenditures Interfund Charges	2,924	6,987	6,914	6,914	7,780	5,702		
Total Other Expenditures	2,924	6,987	6,914	6,914	7,780	5,702		
Total Expenditures	\$123,521	\$163,967	\$172,264	\$172,214	\$260,134	\$245,195		
% Change/Previous Year		32.74%			51.01%	-5.74%		
Funding Sources								
Property Taxes Fringe Benefits General Revenues	\$0 123,521	\$0 163,967	\$0 172,264	\$0 172,214	\$6,441 253,693	\$6,080 239,115		
Total Funding Sources	\$123,521	\$163,967	\$172,264	\$172,214	\$260,134	\$245,195		

PUBLIC WORKS WATER AND SEWER MAINTENANCE

The primary function of the Public Works Maintenance Utility Division is to maintain and improve the Village's water distribution and sanitary collection systems including fire hydrants. This is accomplished on a daily, preventative, and emergency basis and via long term public/capital improvement processes. This Division is also responsible for the installation, maintenance, repair, and reading of water meters.

Major Service Activities

- > Annual programs include fire hydrant inspection/maintenance, water valve exercising/maintenance, bi-annual water system flushing (spring/fall), continual 10 year water meter exchange and water meter inspection/testing,
- > Daily activities include Village meter reading and inside/outside meter reading/inspections, water valve replacements, water service maintenance/repairs, sanitary main collection system and manhole structure maintenance and repairs.
- > Other responsibilities involve construction coordination, Village water/sewer utility locates, customer service, oversees the water system leak detection survey and sanitary collection inflow/infiltration study.
- > The Utility division performs extensive proposed construction utility plan reviews, field and final punch list and bond release inspections.

Public Works, Water and Sewer Maintenance Summary of Expenditures and Funding Sources							
Budgeted Expenditures	FY 2000 Actual	FY 2001 Actual	FY 2002 Budget	FY 2002 Projected	FY 2003 Budget	FY 2004 Budget	
Personnel Services Salaries Fringe Benefits	\$320,476 67,514	\$350,027 78,222	\$363,104 78,000	\$363,104 78,000	\$404,577 101,013	\$424,171 109,688	
Total Personnel Services Operating Expenditures	387,990	428,249	441,104	441,104	505,590	533,860	
Professional Development Contractual Services Commodities Program Expenditures	1,368 62,531 64,179 0	1,583 69,183 71,156 0	3,115 118,010 220,362 10,000	3,115 88,250 85,720 0	3,115 88,250 85,795 146,760	3,115 102,250 85,795 171,010	
Total Operating Expenditures	128,078	141,922	351,487	177,085	323,920	362,170	
Other Expenditures Equipment Purchases Interfund Charges	0 183,950	875 126,362	3,050 128,201	0 128,201	2,875 129,743	900 120,404	
Total Other Expenditures	183,950	127,237	131,251	128,201	132,618	121,304	
Total Expenditures	\$700,018	\$697,408	\$923,842	\$746,390	\$962,128	\$1,017,334	
% Change/Previous Year		-0.37%			4.14%	5.74%	
Funding Sources Water & Sewer Revenues	\$700,018	\$697,408	\$923,842	\$746,390	\$962,128	\$1,017,334	
Total Funding Sources	\$700,018	\$697,408	\$923,842	\$746,390	\$962,128	\$1,017,334	

PUBLIC WORKS WATER PRODUCTION AND TREATMENT

The Water Production Division of the Public Works Department is responsible for the operation, maintenance and repair of water production facilities that produce all of the potable water used by the residents of Barrington, including portions of Inverness, and Barrington Hills. Specific responsibilities include the operation, maintenance, and repair of all equipment, buildings, and grounds at four (4) well sites, three (3) water storage reservoirs, three (3) elevated water storage tanks, one (1) pressure boosting station, one (1) pressure reducing station and one (1) iron filtration facility. This Division is also responsible for all testing of the water supply.

- > Typical job assignments include the monitoring, operation, and repair of various electrical and heating controls, telemetry systems, motors, pumps, valves, compressors, chart recorders, flow meters, and standby generators.
- A fair amount of time also allocated to the monitoring of chemical feed rates and related equipment in addition to general housekeeping and compliance sampling and reporting.

Public Works, Water Production and Treatment Summary of Expenditures and Funding Sources							
	FY 2000	FY 2001	FY 2002	FY 2002	FY 2003	FY 2004	
Budgeted Expenditures	<u>Actual</u>	<u>Actual</u>	<u>Budget</u>	<u>Projected</u>	<u>Budget</u>	<u>Budget</u>	
Personnel Services							
Salaries	\$86,610	\$95,330	\$80,800	\$80,800	\$87,894	\$92,008	
Fringe Benefits	17,037	19,415	12,700	12,700	18,167	19,457	
Total Personnel Services	103,647	114,745	93,500	93,500	106,060	111,465	
Operating Expenditures							
Professional Development	927	1,556	1,940	1,690	1,780	1,780	
Contractual Services	101,889	93,063	96,375	102,875	112,800	100,600	
Commodities	39,796	24,883	41,710	27,710	33,713	33,713	
Total Operating Expenditures	142,612	119,502	140,025	132,275	148,293	136,093	
Other Expenditures							
Interfund Charges	14,008	16,571	13,930	13,930	23,777	14,144	
Total Other Expenditures	14,008	16,571	13,930	13,930	23,777	14,144	
Total Expenditures	<u>\$260,267</u>	<u>\$250,818</u>	<u>\$247,455</u>	<u>\$239,705</u>	<u>\$278,130</u>	<u>\$261,702</u>	
% Change/Previous Year		-3.63%			12.40%	-5.91%	
Funding Sources							
Water & Sewer Revenues	\$260,267	\$250,818	\$247,455	\$239,705	\$278,130	\$261,702	
Total Funding Sources	\$260,267	\$250,818	\$247,455	\$239,705	\$278,130	\$261,702	

PUBLIC WORKS WASTEWATER TREATMENT

The Wastewater Treatment Division of the Public Works Department is responsible for the operation and maintenance of the treatment facility and sewage lift stations that serve the residents of Barrington, including portions of Inverness, and Barrington Hills. Specific responsibilities include the operation and maintenance of all equipment, buildings, and grounds at the wastewater treatment facility, eight (8) sewage lift stations, one (1) storm water lift station, and one industrial sampling hut. This Division is also responsible for the coordination of the sludge management program and for conducting all required tests on the effluent that is discharged from the plant.

- > Typical job assignments include the monitoring, operation, and repair of various electrical and heating controls, telemetry systems, motors, pumps, valves, compressors, chart recorders, flow meters, standby generators, boilers, and various types of treatment process equipment.
- > A Lab Technician collects and analyzes samples for process control and NPDES reporting purposes.
- Pretreatment activity involves the sampling, analysis, and evaluation of industrial discharge to the sanitary system. This program currently involves one customer who has the potential of discharging more contaminants than we can effectively remove.
- > Other activity involves general housekeeping and compliance reporting to regulating authorities.

Public Works, Wastewater Treatment Summary of Expenditures and Funding Sources							
Budgeted Expenditures	FY 2000 Actual	FY 2001 Actual	FY 2002 Budget	FY 2002 Projected	FY 2003 Budget	FY 2004 Budget	
Personnel Services Salaries Fringe Benefits	\$240,723 55,187	\$244,216 61,394	\$273,900 72,500	\$273,900 72,500	\$283,550 84,270	\$298,744 93,112	
Total Personnel Services	295,910	305,610	346,400	346,400	367,820	391,856	
Operating Expenditures Professional Development Contractual Services Commodities	2,434 252,877 36,511	2,333 298,683 33,445	3,880 350,650 42,675	3,730 260,440 42,625	3,880 347,125 51,650	3,880 391,125 52,650	
Total Operating Expenditures	291,822	334,461	397,205	306,795	402,655	447,655	
Other Expenditures Interfund Charges Total Other Expenditures	14,008	21,422	18,301 18,301	18,301 18,301	30,588	19,302 19,302	
Total Expenditures	\$601,740	\$661,493	\$761,906	<u>\$671,496</u>	\$801,063	\$858,813	
% Change/Previous Year		9.93%	<u> </u>	<u> </u>	5.14%	7.21%	
Funding Sources							
Water & Sewer Revenues	\$601,740	\$661,493	\$761,906	\$671,496	\$801,063	\$858,813	
Total Funding Sources	\$601,740	\$661,493	\$761,906	\$671,496	\$801,063	\$858,813	

PUBLIC WORKS RECYCLING AND REFUSE OPERATIONS

This Division of the Public Works Department is responsible for managing the contractual agreement between the Village and Browning-Ferris Industries (BFI), which provides for the collection of residential solid waste and the transportation of this material to the SWANCC transfer station in Wheeling Township. This contract provides for the weekly collection of residential refuse, yard waste, and recyclables. Responsibility for educating the public on and promoting the expansion of the recycling program rests with this Division. Brush pick-up and chipping services are also provided through this Division. This Division also handles questions or issues relating to commercial refuse collection and disposal.

- > Accountable for the purchasing, distributing, replacing and the repairing of residential recycling bins, yard waste containers, and refuse containers.
- > Provides seasonal brush pick-up and chipping services and special pick-ups related to storm damage.
- > Coordinates programs and articles to educate residents on the benefits of recycling and to encourage greater participation in this program.

Public Works, Recycling and Refuse Operations Summary of Expenditures and Funding Sources							
Budgeted Expenditures	FY 2000 Actual	FY 2001 Actual	FY 2002 Budget	FY 2002 Projected	FY 2003 Budget	FY 2004 Budget	
Personnel Services Salaries Fringe Benefits	\$29,114 9,475	\$29,635 10,037	\$31,300 11,500	\$31,300 11,500	\$41,469 13,222	\$43,213 14,260	
Total Personnel Services	38,589	39,672	42,800	42,800	54,692	57,473	
Operating Expenditures Professional Development Contractual Services Commodities	0 656,334 21,463	0 647,021 23,482	150 670,814 29,500	100 653,614 29,500	100 622,300 31,250	100 636,800 31,250	
Total Operating Expenditures	677,797	670,503	700,464	683,214	653,650	668,150	
Other Expenditures Interfund Charges	60,681	60,987	62,900	62,900	76,817	79,953	
Total Other Expenditures	60,681	60,987	62,900	62,900	76,817	79,953	
<u>Total Expenditures</u>	<u>\$777,067</u>	<u>\$771,162</u>	\$806,164	\$788,914	\$785,159	<u>\$805,576</u>	
% Change/Previous Year		-0.76%			-2.61%	2.60%	
Funding Sources							
Recycle & Refuse Revenues	\$777,067	\$771,162	\$806,164	\$788,914	\$785,159	\$805,576	
Total Funding Sources	\$777,067	\$771,162	\$806,164	\$788,914	\$785,159	\$805,576	

PUBLIC WORKS PARKING MAINTENANCE

The Parking Maintenance Division of Public Works is responsible for maintaining the train station which it leases from the Union Pacific and Village owned and leased parking lots. Specific areas of responsibility included the maintenance of the train station including the public restrooms and three (3) train station commuter lots and four (4) Village owned/leased parking lots in the Village Center. Specific services provided include minor maintenance of the building and lots, markings/delineation of pavement, coordination of snow and ice removal contracts, and maintenance of streetlights and signage.

- > Maintain all owned and/or leased commuters, shoppers and Employer/Employee lots.
- Perform minor repairs and provide snow removal services for all pedestrian walkways and other pedestrian areas adjacent to the station.
- > Provide for minor repairs to and cleaning services for the train station.
- > Maintenance of train station and adjacent pedestrian areas

Public Works, Parking Maintenance Summary of Expenditures and Funding Sources							
	FY 2000	FY 2001	FY 2002	FY 2002	FY 2003	FY 2004	
Budgeted Expenditures	<u>Actual</u>	<u>Actual</u>	<u>Budget</u>	Projected	<u>Budget</u>	<u>Budget</u>	
Personnel Services							
Salaries	0	0	0	0	68,620	71,969	
Fringe Benefits	0	0	0	0	7,308	7,665	
Total Personnel Services	0	0	0	0	75,928	79,633	
Operating Expenditures							
Contractual Services	0	0	0	0	117,760	117,760	
Commodities	0	0	0	0	2,140	2,140	
Total Operating Expenditures	0	0	0	0	119,900	119,900	
Total Expenditures	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	195,828	199,533	
% Change/Previous Year		N/A			N/A	1.89%	
Funding Sources							
Parking System Revenues	\$0	\$0	\$0	\$0	\$195,828	\$199,533	
Total Funding Sources	\$0	\$0	\$0	\$0	\$195,828	\$199,533	

PUBLIC WORKS CENTRAL GARAGE

The Central Garage Division of the Public Works Department is directly responsible for the acquisition, maintenance, repair and disposal of all Village vehicles and rolling stock utilized by all Departments of the Village. This Division also manages the Village's fuel distribution facility.

- > Actively seek input from each Department for their individual vehicle and equipment needs.
- To economically procure vehicles and equipment addressing the respective department's identified needs. This includes receiving the maximum value from the sale of used equipment.
- > Perform vehicle and equipment repairs and maintenance and strive to deliver these services in a costeffective manner. Responsible for scheduling repairs and responding to equipment breakdowns on an as needed basis to support other Departmental activities. A proactive approach is taken toward the maintenance of all vehicles and equipment in an attempt to reduce vehicle downtime and costs.

Public Works, Central Garage Summary of Expenditures and Funding Sources							
Budgeted Expenditures	FY 2000 Actual	FY 2001 Actual	FY 2002 Budget	FY 2002 Projected	FY 2003 Budget	FY 2004 Budget	
Personnel Services Salaries Fringe Benefits	\$162,302 41,538	\$142,643 40,493	\$167,600 53,500	\$154,974 53,500	\$153,361 35,347	\$164,044 38,753	
Total Personnel Services	203,840	183,136	221,100	208,474	188,708	202,797	
Operating Expenditures Professional Development Contractual Services Commodities	626 12,971 116,020	616 14,772 130,096	1,150 16,410 151,100	1,150 16,200 151,100	1,800 15,930 151,250	1,850 15,955 151,550	
Total Operating Expenditures	129,617	145,484	168,660	168,450	168,980	169,355	
Other Expenditures Equipment Purchases Interfund Charges	273,112 20,399	328,476 20,001	362,400 33,996	344,900 33,996	946,868 33,123	313,050 32,522	
Total Other Expenditures	293,511	348,477	396,396	378,896	979,991	345,572	
Total Expenditures	<u>\$626,968</u>	<u>\$677,097</u>	<u>\$786,156</u>	\$755,820	\$1,337,679	\$717,724	
% Change/Previous Year		8.00%			70.15%	-46.35%	
Funding Sources							
Central Garage Revenues	\$626,968	\$677,097	\$786,156	\$755,820	\$1,337,679	\$717,724	
Total Funding Sources	\$626,968	\$677,097	\$786,156	\$755,820	\$1,337,679	\$717,724	